FOR PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 3829.04	SERIAL NO. 10/762,681
	APPLICANT : WECHTER, ET AL.	
	FILING DATE : JANUARY 21, 2004	GROUP N/A

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
				US				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	A		Stokke, O., et al. Biochim. Biophys. Acta 144, 271-84 (1967) α-Oxidation as an alternative pathway for the degradation of Branched-Chain Fatty acids in man and its failure in Patients with Refsum's disease
	B		Steinberg, D., et al. J. Lipid Res. 7, 684-91 (1966) Effects of dietary phytol and phytanic acid in animals
	C		McCarty, M.F. Med. Hypothesis 56, 217-19 (2001) The chlorophyll metabolite phytanic acid is a natural rexinoid - potential for treatment and prevention of diabetes
	D		Verhoeven, N.M., et al. Eur. J. Pediatr. 156, S83-87 (1997) Stable isotope studies of phytanic acid α-Oxidation: in vivo production of formic acid
	E		Mize, C.E., et al. Biochim. Biophys. Acta 176, 720-39 (1969) A major pathway for the mammalian oxidative degradation of phytanic acid
	F		Baxter, J.H. J. Lipid Res. 9, 636-641 (1968) Absorption of chlorophyll phytol in normal man and in patients with Refsum's disease
	G		Wierzbicki, A.S., et al. J. Lipid Res. 44, 148-188 (2003) Metabolism of phytanic acid and 3-methyl-adipic acid excretion in patients with adult Refsum disease
	H		Wanders, R.J.A., et al. Biochim. Biophys. Acta 1631, 119-135 (2003) Phytanic acid α-Oxidation, new insights into an old problem: a review
	I		Ferdinandusse, S., et al. J. Lipid Res. 43, 438-444 (2002) Stereochemistry of the peroxisomal branched-chain fatty acid α- and β-oxidation systems in patients suffering from different peroxisomal disorders
	J		Verhoeven, N.M. et al. J. Lipid Res. 39, 66-74 (1998) Phytanic acid and pristanic acid are oxidized by sequential peroxisomal and mitochondrial reactions in cultured fibroblasts
	K		Van Veldhoven P.P., et al. Biochem. Soc. Transac. 29, 292-98 (2001) Further insights into peroxisomal lipid breakdown via α- and β-oxidation
	L		Verhoeven, N.M. and Jakobs, C. Prog. Lipid Res. 40, 453-466 (2001 Human Metabolism of phytanic acid and pristanic acid
	M		Schluter, A., et al. FEBS Lett. 517, 83-6 (2002) Phytanic acid, but not pristanic acid mediates the positive effects of phytol derivatives on brown adipocyte differentiation
	N		Schluter, A., et al. Biochem. J. 362, 61-69 (2002) Phytanic acid, a novel activator of uncoupling protein-1 gene transcription and brown adipocyte differentiation
	O		Verhoeven, N.M. et al. J. Lipid Res. 40, 260-6 (1999) Analysis of pristanic acid β-oxidation intermediates in plasma from healthy controls and patients affected with peroxisomal disorders by stable isotope dilution gas chromatography mass spectrometry
	P		Tserng, K.-Y., et al. J. Lipid Res. 31, 763-771 (1990) Abnormal urinary excretion of unsaturated dicarboxylic acids in patients with medium-chain acyl-CoA dehydrogenase deficiency
	Q		Jin, S.-J. and Tserng, K.-Y. J. Lipid Res. 30, 1611-1619 (1989) Identification of isomeric unsaturated medium-chain dicarboxylic acids in human urine
	R		Stellaard, F., et al. Clinica Chimica Acta 192, 133-144 (1990) Stable isotope dilution analysis of very long chain fatty acids in plasma, urine and amniotic fluid by electron capture negative ion mass fragmentography
	S		ten Brink, H.J., et al. J. Lipid Res. 33, 41-7 (1992) Pristanic acid and phytanic acid in plasma from patients with peroxisomal disorders: stable isotope dilution analysis with electron capture negative ion mass fragmentography
	T		Zhou, Y.-T., et al. Proc. Natl. Acad. Sci. USA 96, 23941-2395 (1999) Reversing adipocyte differentiation: Implications for treatment of obesity

	U		Young, S.P., et al. Clinical Science 101, 697-705 (2001) Effects of phytanic acid on the vitamin E status, lipid composition, and physical properties of retinal cell membranes: implications for adult Refsum disease
	V		Zomer, A.W.M., et al., J. Lipid Res. 41, 1801-7 (2000) Pristanic acid and phytanic acid: naturally occurring ligands for the nuclear receptor peroxisome proliferator-activated receptor α
	W		Kase, B.F., et al. Anal. Biochem. 196, 95-8 (1991) Separation of phytanic and pristanic acid by high-pressure liquid chromatography: application of the method
	X		Schluter, A., et al., Internatl. J. Obesity 26, 1277-1280 (2002) The chlorophyll-derived metabolite phytanic acid induces white adipocyte differentiation
	Y		Gibbons, G.F. Prog. Lipid Res. 42, 479-497 (2003) Regulation of fatty acid and cholesterol synthesis: co-operation or competition?
	Z		Rontani, J.-F., et al. Appl. Environ. Microb. 65, 5484-5492 (1999) Biodegradation of free phytol by bacterial communities isolated from marine sediments under aerobic and denitrifying conditions
	AA		Paton, B.C., et al. J. Clin. Invest. 97, 681-688 (1996) Oxidation of pristanic acid in fibroblasts and its application to the diagnosis of peroxisomal β-oxidation effects
	BB		Jin, S.-J., et al. J. Biol. Chem 267, 119-125 (1992) Incomplete fatty acid oxidation, the production and epimerization of 3-hydroxy fatty acids
	CC		Liebich, H.M., et al. J. Chromatog. 199, 181-189 (1980) Gas chromatography-mass spectrometry of saturated and unsaturated dicarboxylic acids in urine
	DD		Vreken, P., et al. J. Chromatog. B 713, 281-7 (1998) Rapid stable isotope dilution analysis of very-long-chain fatty acids, pristanic acid and phytanic acid using gas chromatography-electron impact mass spectrometry
	EE		Croes, K., et al. J. Lipid Res. 40, 601-6 (1999) Stereochemistry of the α-oxidationof 3-methyl-branched fatty acid in rat liver
	FF		Croes, K., et al Eur. J. Biochem. 240, 674-683 (1996) α-oxidation of 3-methyl-substituted fatty acid in rat liver, production of formic acid instead of CO_2, cofactor requirements subcellular localization and formation of a 2-hydroxy-3-methylacyl-CoA intermediate
	GG		Vanhove, G., et al. J. Biol. Chem. 266, 24670-5 (1991) Mitochondrial and peroxisomal β oxidation of the branched chain fatty acid 2-methylpalmitate in rat liver
	HH		Foulon, V., et al. Proc. Natl. Acad. Sci. USA 96, 10039-10044 (1999) Purification, molecular cloning and expression of 2-hydroxyphytanoyl-CoA lyase, a peroxisomal thiamine pyrophosphate-dependent enzyme that catalyzes the carbon-carbon bond cleavage during α-oxidation of 3-methyl-branched fatty acids
	II		Amery, L. et al. J. Lipid Res. 41, 1752-59 (2000) Mitochondrial and peroxisomal targeting of 2-methyl-CoA racemase in humans
	JJ		Kotti, T.J., et al. J. Biol. Chem. 275, 20887-95 (2000) In mouse α-methylacyl-CoA racemase, the same gene product is simultaneously located in mitochondria and peroxisomes
	KK		Mukherji, M., et al. Prog. J. Lipid Res. 42, 359-76 (2003) The chemical biology of branched-chain lipid metabolism
	LL		Shieh, W.-R. And ChenC.-S. J. Biol. Chem. 258, 3487-93 (1993) Purification and characterization of novel "2-arylpropionyl-CoA epimerases" from rat liver cytosol and mitochondria
	MM		Reichel, C., et al. J. Pharmac. and Exptl. Therapeutics 51, 576-82 (1997) Molecular cloning and expression of a 2-arylpropionyl-Coezyme A epimerase: a key enzyme in the inversion metabolism of ibuprofen
	NN		Reichel, C., et al. Biochem. Pharmacol. 50, 1803-6 (1995) 2-arylpropionyl-CoA epimerases: partial pepetide sequence and tissue localization
	OO		Ferdinandusse, S., et al. J. Lipid Res. 41, 1890-96 (2000) Subcellular localization and physiological role of α-methylacyl-CoA racemase
	PP		Steinberg, D., et al. Biochem. Biophys. Res. Comm. 19, 783-789 (1965) Conversion of U-C^{14}-Phytol to phytanic acid and its oxidation in Heredopathia atactica polyneuritiformis
	QQ		Hansen, R.P., et al. Biochim. Biophys Acta 116, 178-80 (1966) The fate of phytanic acid when administered to rats
	RR		Avigan, J. Biochim. Biophys Acta 116, 391-4 (1966) The presence of phytanic acid in normal human and animal plasma
	SS		Mize, C.E., et al. J. Lipid Res. 7, 692-697 (1966) Metabolism of phytol U-^{14}C and phytanic acid-U-^{14}C in the rat
	TT		Avigan, J., et al. Biochim. Biophys Res. Comm. 24, 838-844 (1966) Alpha -decarbonxylation, an important pathway for degradation of phytanic acid in animals
	UU		Avigan, J. Biochim. Biophys Acta 125, 607-10 (1966) Pristanic acid (2,6,10,14-tetramethylpentadecanoic acid) and phytanic acid (3,7,11,15-tetramethylhexadecanoic acid) content of human and animal tissues
	VV		Mize, C.E., et al. Biochem. Biophys. Res. Comm. 25, 359-365 (1966) A pathway for oxidative degradation of phytanic acid in mammals
	WW		Baxter, J.H. and Steinberg, D. J. Lipid Res. 8, 615-20 (1967) Absorption of phytol from dietary chlorophyll in the rat
	XX		Baxter, J.H. and Steinberg, D. J. Lipid Res. 9, 636-41 (1968) Absorption of chlorophyll phytol in nomral man and in patients with Refsum's disease

arb	YY		Baxter, J.H. and Milne, G.W.A. Biochim. Biophys. Acta. 176, 265-77 (1969) Phytenic acid: identification of five isomers in chemical and biological products of phytol
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arb	BBB		Vanhooren, J.C.T., et al. Int. J. Biochem. 26, 1095-1101 (1994) Activation of 3-methyl-branched fatty acids in rat liver
arb	CCC		Van Veldhoven, P.P. et al. FEBS Lett. 388, 80-84 (1996) Peroxisomal β-oxidation of 2-methyl-branched acyl-CoA esters: stereospecific recognition of the 2S-methyl compounds by trihydroxycoprostanoyl-CoA oxidase and pristanoyl-CoA oxidase
arb	DDD		Dieuadie-Noubhani, M., et al. Biochem. J. 325, 367-73 (1997) Evidence that multifunctional protein 2, and not multifunctional protein 1, is involved in the peroxisomal β-oxidation of pristanic acid
arb	EEE		Ackman, R.G., et al. Lipids 2, 357-362 (1967) The occurance of diastereomers of phytanic and pristanic acids and their determination by gas-liquid chromatography
arb	FFF		Dhopeshwarkar, G.A. Prog. Lipid Res. 19, 107-118 (1981) Naturally occurring food toxicants: toxic lipids
arb	GGG		Stokke O., et al. Scand. J. Clin. Lab. Invest. 46, 3-10 (1986) Disorders related to the metabolism of phytanic acid
arb	HHH		van den Branden, C., et al. Pediat. Res. 20, 411-15 (1986) Phytol and peroxisome proliferation
arb	III		Vallance, H. and Applegarth, D. Clin. Biochem. 27, 183-6 (1994) An improved method for quantification of very long chain fatty acids in plasma
arb	JJJ		Schmitz, W., et al. Eur. J. Biochem. 222, 313-323 (1994) Purification and properties of an α-methlacyl-CoA racemase from rat liver
arb	KKK		Pahan, K. and Singh, I. J. Lipid Res. 36, 986-997 (1995) Phytanic acid oxidation: topographical localization of phytanoyl-CoA ligase and transport of phytanic acid in human peroxisomes
arb	LLL		Mihalik, S.J., et al. Eur. J. Biochem. 232, 545-551 (1995) Phytanic acid α-oxidation in rat liver peroxisomes
arb	MMM		Watkins, P.A., et al. J. Lipid Res. 37, 2288-2295 (1996) Phytanic acid activation in rat liver peroxisomes is catalyzed by long-chain acyl-CoA synthetase
arb	NNN		Schmitz, W. and Conzelmann, E. Eur. J. Biochem. 244, 434-440 (1997) Stereochemistry of peroxisomal and mitochondrial β-oxidation of α-methylacyl-CoAs
arb	OOO		Clayton, P.T. Biochem. Soc. Trans. 29, 298-305 (2001) Clinical consequences of deffects in peroxisomal β-oxidation
arb	PPP		Little, J.M. et al. Drug Metab. Dispos. 30, 551-553 (2002) Glucoronidation of the dietary fatty acids, phytanic acid and docosahexaenoic acid, by human UDP-glucoronosyltransferases
arb	QQQ		Heim, M. et al. FASEB J. 16, 718-720 (2002) Phytanic acid, a natural peroxisome proliferator-activated receptor (PPAR) agonist, regulates glucose metabolism in rat primary hepatocytes
arb	RRR		Browne, G.S., et al. Biochem. Pharmacol. 57, 837-44 (1999) Stereoselective and substrate-dependent inhibition of hepatic mitochondrial β-oxidation and oxidative phosphorylation by the non-steroidal inflammatory drugs ibuprofen, flurbiprofen and ketorolac
arb	SSS		Dacremont, G., et al. J. Inher. Metab. Dis. 18, 76-83 (1995) Measurement of very long-chain fatty acids, phytanic and pristanic acid in plasma and cultured fibroblasts by gas chromatography
arb	TTT		Rezanka, T. and Votruba, J. Anal. Chim. Acta 465, 273-297 (2002) Chromatography of very long-chain fatty acids from animal and plant kingdoms
arb	UUU		Egge, H., et al. FEBS Lett. 2, 255-8 (1969) Minor constituents of human milk (I) identification of cyclohexaneundecanoic acid and phytanic acid in human milk fat by a combination gas chromatograph-mass spectrometer
arb	VVV		Lough, A.K. Lipids 12, 115-9 (1976) The phytanic acid content of the lipids of bovine tissues and milk
arb	WWW		Verhoeven, N.M., et al. Biochem. Biophys. Res. Comm. 237, 33-36 (1997) Resolution of the phytanic acid α-oxidation pathway: identification of pristanal as the product of the decarboxylation of 2-hydroxyphytanoyl-CoA
arb	XXX		Brown, W.G. Org. React. 6, 469-509 (1951) Reductions by lithium aluminum hydride

EXAMINER	DATE CONSIDERED
Kimia Hughes	11/27/2002

EXAMINER:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.